Claims

Having thus described the invention, it is claimed:

1. A method of manufacturing an automotive part having a spline comprising:

forging an automotive part, said automotive part including a bore;

pressing a tool having at least one spline-generating groove into said bore to form an automotive part having a spline.

2. A method according to claim 1, wherein the part is formed from a high strength carbon steel alloy.

3. A method according to claim 2, wherein the high strength carbon steel alloy comprises at least 0.5% carbon.

4. A method according to claim 1, wherein the tool has an axial length and two spline-generating grooves, said grooves commencing at a terminal end of the tool and running along a portion of the axial length of the tool that is less than the entire axial length of the tool.